

Title (en)

BULK DIFFUSER FOR A PROJECTION SCREEN

Publication

**EP 0248477 B1 19921125 (EN)**

Application

**EP 87200989 A 19870526**

Priority

US 87100986 A 19860605

Abstract (en)

[origin: US4679900A] A bulk diffuser for rear projection television screens which exhibits a Gaussian intensity profile. By appropriately selecting the indices of refraction of the substrate and the spheres therein and the range of diameters of the spheres, the intensity half-angle is made equal to the energy half-angle.

IPC 1-7

**G03B 21/62**

IPC 8 full level

**G02B 5/02** (2006.01); **G03B 21/62** (2006.01); **H04N 5/74** (2006.01)

CPC (source: EP KR US)

**G03B 21/62** (2013.01 - KR); **G03B 21/625** (2013.01 - EP US)

Citation (examination)

PATENT ABSTRACTS OF JAPAN, vol. 8, no. 79 (P-267)(1516), 11th April 1984 & JP A 58221833

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**US 4679900 A 19870714**; AU 586779 B2 19890720; AU 7381287 A 19871210; CA 1291658 C 19911105; CN 87103960 A 19880127; DE 3782765 D1 19930107; DE 3782765 T2 19930603; DK 281387 A 19871206; DK 281387 D0 19870602; EP 0248477 A2 19871209; EP 0248477 A3 19890719; EP 0248477 B1 19921125; JP H07104553 B2 19951113; JP S62293234 A 19871219; KR 880000813 A 19880329; KR 960009877 B1 19960724

DOCDB simple family (application)

**US 87100986 A 19860605**; AU 7381287 A 19870604; CA 538894 A 19870604; CN 87103960 A 19870602; DE 3782765 T 19870526; DK 281387 A 19870602; EP 87200989 A 19870526; JP 13782487 A 19870602; KR 870005560 A 19870602